

# Samuel Olubukun

## Full Stack AI/ML Engineer

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### EDUCATION

**Bingham University (4.72/5.00)**

*B.Sc. Computer Science — First Class Honors*

**Karu, Nasarawa State, NIG**

**2021 – 2025**

### EXPERIENCE

#### Independent Software Engineer

**Oct 2022 – Present**

- Engineered content nova an AI-powered creator workspace unifying ideation, creation, repurposing, planning, publishing, and tracking across six platforms—automating distribution, cutting manual effort by 85%, and enabling content scalability.
- Developed AI voice and interview platforms using Deepgram, Gemini, and WebRTC pipelines, handling 100+ concurrent streams and reducing training time by 50%.
- Built a vision-based AI health assistant analyzing skin conditions and daily user submissions, tracking progress via interactive timelines, and delivering contextual chatbot guidance.
- Developed an ATS-optimized LaTeX resume engine with intelligent keyword alignment, generating dozens of tailored resumes per week and improving recruiter matching and automated screening success.
- Engineered secure multi-seller e-commerce and full-stack web apps (MERN, Next.js, Flask, FastAPI, Jinja) supporting hundreds of active products, with role-based dashboards, payments, and high-volume transactions.
- Designed scalable REST APIs and backend systems using Node.js, FastAPI, Django, and PostgreSQL, managing millions of rows and serving tens of thousands of API requests reliably.
- Implemented authentication, payment verification, and transaction workflows handling hundreds of verified transactions, strengthening platform security, automation, and user trust.
- Built AI-driven tools for document Q&A, learning management, and career platforms leveraging LangChain, RAG, LLMs, SQL, Vector Databases and Prisma to process large document collections for automated insights and personalized experiences.

#### Full Stack AI/ML Engineer

**Apr 2025 – Present**

*The Nnitiwe Hub*

**Abuja, NIG**

- Foudning AI engineer of cvbooster an AI-powered ATS and cv analysis and generation engine with referral/payment features, boosting job-alignment scores to 94%+ and interview conversions 3x.
- Built a self-hosted AI analytics hub with interactive dashboards and modular visualizations for fast, clear data insights.
- Developed a revenue signal intelligence platform capturing real-time buyer intent with urgency scoring (0–100) and CRM-ready outputs.

#### Junior ML Engineer

**Feb 2025 – Aug 2025**

*OMDNA*

**Remote**

- Contributed as a Junior ML Engineer in the HOTOSM: 3D Imagery Analysis & Segmentation AI Innovation Challenge

#### Quality Assurance Tester

**Aug 2024 – Dec 2024**

*AfricanStreams*

**Remote**

- Executed full-stack quality assurance (QA) for the Africanstreams platform, covering admin and client interfaces, and led defect management to enhance performance and reliability.

#### Information Technology Support Specialist

**Apr 2024 – Sept 2024**

*Digital Bridge Institute*

**Abuja, NIG**

- Provided technical support and troubleshooting services for hardware, software, and networking issues.
- Earned CCNA certification while developing proficiency in data analytics, visualization, and statistical analysis.

### TECHNICAL STACK

**Languages:** Python, JavaScript, TypeScript, PHP, Java, SQL, HTML/CSS.

**Frameworks:** : React, Next.js, Node.js, Express.js, FastAPI, Flask, Django, Tailwind CSS, Bootstrap.

**AI & Data Science:** Generative AI (LLMs), Deep Learning, Predictive Modeling, NLP, Computer Vision, Prompt Engineering, Gemini, OpenAI, LangChain, TensorFlow, PyTorch, Scikit-learn, Hugging Face, Vector Databases.

**Tools & Platforms:** Git, GitHub, Docker, Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI), MongoDB, PostgreSQL, MySQL, VS Code, Jupyter Notebook.

### SOFT SKILLS

• Problem solving • Analytical thinking • Clear communication • Technical documentation • Teamwork • Cross-functional collaboration • Ownership • Accountability • Research mindset • Continuous learning • Adaptability • Execution focus

## Certifications

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- DataCamp AI Engineer for Developers (2026)
  - DataCamp AI Engineer for Data Scientists Associate (2026)
  - DataCamp Data Engineer Associate (2026)
  - Oracle Cloud Infrastructure Data Science Professional (2025)
  - Oracle Cloud Infrastructure Generative AI Professional (2025)
  - Oracle Cloud Infrastructure AI Foundations Associate (2025)
  - WorldQuant University Applied AI & Data Science Labs (2025)
  - freeCodeCamp Machine Learning & Data Analysis (2024)